

POREX[®] Virtek[™] PTFE Materials

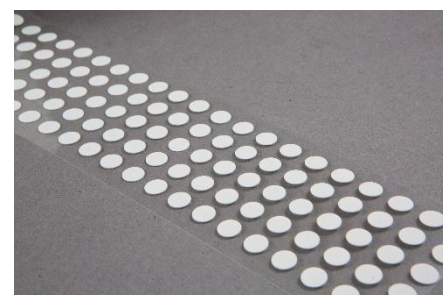
MD25

Parameters	Value	Unit of Measurement
PTFE MEMBRANE	100%	CAS No. 9002-84-0
BACTERIAL FILTRATION EFFICIENCY	>99.9999%	ASTM F2101 ¹ (nominal)
WATER ENTRY PRESSURE (WEP)	Min 750, Typical 1050	mbar
AIR FLOW	Min 2, Typical 7	l/hr/cm ² Δp 70mbar
THICKNESS	0.19	mm ± 0.015mm

The values stated above for Airflow and WEP are based on Porex QC test methods - Information available on request. Testing is not to any national or international standard. Different test methods and equipment may produce different results. Samples are intended for evaluation purposes only and not intended for specification.

ADDITIONAL INFORMATION

- Can be supplied in format of:
 - Master Rolls (330mm ±5mm width) on 75mm (3") plastic core
 - Slit rolls on a 75mm (3") plastic core
 - Die cut shapes
- Assembly suggestions:
 - Ultrasonic welding
 - Thermal welding
 - Over-moulding
 - Pressure Sensitive Adhesive
 - Compression seal
- Sterilisation method:
 - Steam/Autoclave (repeated use)
 - EtO
- Raw material is compliant with:
 - FDA 21CFR 177.1550
 - USP 28, NF 23, 2005, for USP Class VI Plastics at 70°C
 - PFOA Free, Compliant with (EC) No 1907/2006 REACH and Persistent Organic Pollutants (POP) EU 2019/1021
 - Operating temperature range: -40 to 260°C



Other

Naturally hydrophobic

¹ ASTM F2101 was adapted to employ a more severe challenge. Test conditions and data available on request.